

IN THE CLAIMS:

Please cancel non-elected claims 1-20, 23-30, 36 and 37,
and amend claim 22 as follows:

22. (Three times amended) A method of manufacturing a
heat exchanger for cooling exhaust gas of an internal-combustion
engine, said method comprising the steps of:

providing a plurality of rectangular tubes for guiding
exhaust gas;

arranging a plurality of lugs in said rectangular tubes
diagonally to a flow direction of the exhaust gas, [said lugs
being arranged] in pairs, [said lugs being] by one of (a)
directly [attached] attaching the lugs to [said tube] walls of
said tubes and (b) integrally [formed] forming the lugs from said
[tube] walls of said tubes;

providing first and second latticed tube bottoms;

welding ends of said rectangular tubes to said latticed
tube bottoms such that said rectangular tubes form a bundle;

attaching a sheet metal jacket to said tube bottoms and
around said bundle;

providing said sheet metal jacket with a coolant inlet
and a coolant outlet to allow a liquid coolant to flow around
said rectangular tubes in said sheet metal jacket; and